

Spelling Ping Pong Game

Game Thinking Planning Template

Lesson outcomes

(These are also the constraints in your game dynamics, refer to your syllabus document)

Spelling: A student uses a variety of strategies, including knowledge of sight words and letter-sound correspondences to spell familiar words

Description of your audience

(Age, likes and dislikes, motivations etc)

Primary aged children. Aged 7-8
Children have taken a liking to table tennis.
They have weekly spelling words which they like to challenge each other with.

Time constraints

(How many hours, lessons, weeks, terms will you have to complete the intended gamified experience or game)

The game will take place once a week in a morning lesson and will make use of the spelling words from the current and previous weeks. It will go for a term and end with finals.

Game Elements

(Game Dynamics, Game Mechanics and Game Components)

"Spelling Ping Pong" makes use of competition/cooperation and turn mechanics. Two teams compete by giving individuals spelling words from the list. The two teams take it in turns to serve a spelling word and receive one if successful the rally continues.

Fun check

(Integrated purposefully built into your experience including Easy fun, Hard fun, Serious fun and Social fun)

The game uses Hard fun of challenges, accomplishments and Social fun.

Fun Elements					
Hard Fun (challenge, mastery, reward and accomplishment)	No real need for player strategy. Few or no tangible obstacles to overcome. Not very challenging. Not easy to see how to progress.	Some opportunities for challenge, mastery, reward and accomplishment.	Obvious opportunities for challenge, mastery, reward and accomplishment.	A lot of opportunities for challenge, mastery, reward and accomplishment. ✓	A clear need for strategy. Obstacles to overcome. Consistent challenges such as puzzles or problems to be worked at. Clear indication of progress eg: levels/ power-up.
Easy Fun (curiosity, imagination, wonderment, surprise, exploration, discovery, adventure)	Little or no opportunity for creativity, surprise, exploration, joy of figuring out a problem, or role play.	Some opportunity for creativity, surprise, exploration, joy of figuring out a problem, or role play.	Obvious opportunity for creativity, surprise, exploration, joy of figuring out a problem, and or role play. ✓	A lot opportunity for creativity, surprise, exploration, joy of figuring out a problem, or role play.	An abundance of opportunities for creative expression, exploration, problem solving, role play and player created content or experiences.
Serious fun (excitement, relaxation, repetition, rhythm, express values, creating value)	Little or no excitement, relaxation, repetition, rhythm, opportunity to express values or be creative.	Some or no excitement, relaxation, repetition, rhythm, opportunity to express values or be creative.	Obvious moments of excitement, relaxation, repetition, rhythm, opportunities to express values or be creative. ✓	A lot of excitement, relaxation, repetition, rhythm, opportunities to express values or be creative.	An abundance of excitement, relaxation, repetition, rhythm, opportunities to express values or be creative. Practice, simulation, learning real work to learn or achieve.
Social Fun/People Fun (relationships, amusement, laughter, working together to achieve a goal, mentoring someone, beating someone)	Little or no excuse to hang out or interact with peers or friends.	Some reasons to hang out or interact with peers or friends.	An obvious need to hang out or interact and complete tasks with peers or friends. ✓		Clear need to co-operate compete, mentor, lead, perform, express yourself or and personalise something. Lots of interaction with others to discuss, achieve goals and get things done.

Spelling Ping Pong Game

Measuring/applying gamification to the classroom rubric

Gamification <----- Intensity of gamification/level of engagement -----> Games-based Learning (GBL)

	1	2	3	4	5
Game Dynamics					
Constraints Teaching and learning outcomes together with any other non-variables	Present	Present	Present	Present	Present <i>Spelling outcome</i>
Narrative (story, theme and or graphical experience)	No consistent or coherent story, theme and or graphical experience. Little relevance and or relationship to player's life.	Some evidence of consistent story, theme and or graphical experience. Some relevance and or relationship to player's life.	An obvious story, theme and or graphical experience. Relevance and or relationship to player's life.	Very consistent or coherent story, theme and or graphical experience. Relevant to player's life.	Very well-conceived, consistent and coherent story, theme and graphical experience. Very relevant to player's life.
Progression (Chance to improve. *May* include levels and points)	No real chance to improve skills or knowledge. Does not include any levels or points	Some chance to improve skills or knowledge.	Obvious chance to improve skills or knowledge and how to progress is visible.	A lot of opportunity to improve skills or knowledge. User progress is obvious.	Experience is designed well so that improving skills or knowledge is integral to the experience. Progress is clear. Opportunity to try again if tasks are not completed well. Includes some of following: levels, points, badges, Leader board. Achievement is displayed clearly.
Emotion How do we want the player/ learner to feel? During the experience? Which emotions?	No emotional connection intended or present.	Some emotional connection intended or present.	Some intentions for player emotions during experience eg: empathy, hopefulness, outrage at injustice.	Obvious intentions for player emotions during experience eg: empathy, hopefulness, outrage at injustice.	Well integrated intentions for player emotions during experience eg: empathy, hopefulness, outrage at injustice.
Relationships People interacting	Little or no interaction between students.	Some interaction between students.	Obvious interaction between students.	A good amount of interaction between students.	Consistent and well thought out interaction between students.
Game Mechanics					

These are the verbs. The process that drives action forward	Displays none or almost none of the following: <ul style="list-style-type: none"> • challenges • chance • competition • co-operation • resource acquisition • rewards • transactions • turns • win states (achievable goals/ endpoint) • feedback 	Displays some of the following: <ul style="list-style-type: none"> • challenges • chance • competition • co-operation • resource acquisition • rewards • transactions • turns • win states (achievable goals/ endpoint) • feedback 	Displays a lot of the following: <ul style="list-style-type: none"> • challenges • chance • competition ✓ • co-operation ✓ • resource acquisition • rewards • transactions • turns ✓ • win states (achievable goals/endpoint) ✓ • feedback (may be levels or points) 	Displays most of the following: <ul style="list-style-type: none"> • challenges • chance • competition • co-operation • resource acquisition • rewards • transactions • turns • win states (achievable goals/endpoint) • Clear feedback and opportunity to try again. May include levels or points. 	Displays all or almost all of the following: <ul style="list-style-type: none"> • challenges • chance • competition • co-operation • resource acquisition • rewards • transactions • turns • Clear win states (achievable goals/ end) • Clear feedback is given and there is always opportunity to try tasks again.
Game Components					
Specific instances of mechanics and dynamics	Displays none or almost none of the following: <ul style="list-style-type: none"> • Achievements • Avatars • Badges • <u>Boss Fights</u> • Collections • Combat • Content Unlocking • Gifting • Leaderboards • Levels • Points • Quests • <u>Social Graph</u> • Teams • <u>Virtual Goods</u> 	Displays some of the following: <ul style="list-style-type: none"> • Achievements • Avatars • Badges • <u>Boss Fights</u> • Collections • Combat • Content Unlocking • Gifting • Leaderboards • Levels • Points • Quests • <u>Social Graph</u> • Teams • <u>Virtual Goods</u> 	Displays a lot of the following: <ul style="list-style-type: none"> • Achievements • Avatars • Badges • <u>Boss Fights</u> • Collections • Combat • Content Unlocking • Gifting • Leaderboards • Levels • Points • Quests • <u>Social Graph</u> • Teams • <u>Virtual Goods</u> 	Displays most of the following: <ul style="list-style-type: none"> • Achievements • Avatars • Badges • <u>Boss Fights</u> • Collections • Combat • Content Unlocking • Gifting • Leaderboards • Levels • Points • Quests • <u>Social Graph</u> • Teams • <u>Virtual Goods</u> 	Displays all or almost all of the following: <ul style="list-style-type: none"> • Achievements ✓ • Avatars • Badges • <u>Boss Fights</u> ✓ • Collections • Combat ✓ • Content Unlocking • Gifting • Leaderboards ✓ • Levels • Points ✓ • Quests • <u>Social Graph</u> • Teams ✓ • <u>Virtual Goods</u>